PTO/SB/08A (00-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

nder the Baperwork Reduction by of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute los

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

	thrava in expression 7
Application Number	10/828,495
Filing Date	April 20, 2004
First Named Inventor	Julian Partridge, et al.
Art Unit	2822
Examiner Name	Thanh Y Tran
Attorney Docket Number	254-094-CIP4/CIP-MB / AK 153763

Examiner	Cite No.	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant	
Initials*	NO.	Number-Kind Code <sup>2 (If known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Figures Appear	
YT		US-6,919,626 B2	7/19/2005	Burns	<u> </u>	
		US-6,914,324 B2	7/5/2005	Rapport, et al.		
		US-6,908,792 B2	6/21/2005	Bruce, et al.		
		US-6,884,653	4/26/2005	Larson		
		US-6,803,651	10/12/2004	Chiang		
		US-6,709,893	3/23/2004	Moden, et al.	/	
		US-6,699,730 B2	3/2/2004	Kim, et al.		
		US-6,690,584	2/10/2004	Uzuka, et al.		
		US-6,683,377	1/27/2004	Shim, et al.	/	
		US-6,677,670 B2	1/13/2004	Kondo		
		US-6,614,664	9/2/2003	Lee		
		US-6,588,095	7/8/2003	Pan		
		US-6,576,992	6/10/2003	Cady, et al.		
		US-6,552,910 B1	4/22/2003	Moon, et al.		
		US-6,528,870 B2	3/4/2003	Fukatsu, et al.	/	
		US-6,509,639	1/21/2003	Lin		
		US-6,489,687 B1	12/3/2002	Hashimoto	/	
		US-6,489,178	12/3/2002	Coyle, et al.	1/	
		US-6,444,490	9/3/2002	Bertin, et al.	1/	
U		US-6,426,560 B1	7/30/2002	Kawamura, et al.	1/	

Examiner   (	Cite	Foreign Patent Document	Publication Date Name of Patentee or		Pages, Columns, Lines,	<sub>T</sub> 4
nitials* I	No.¹	Country Code <sup>3</sup> –Number <sup>4</sup> –Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
						_
						_
					<del> </del>	-

<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known: Substitute for form 1449/PTO 10/828,495 **Application Number** Filing Date April 20, 2004 INFORMATION DISCLOSURE First Named Inventor Julian Partridge, et al. STATEMENT BY APPLICANT **Art Unit** 2822 (Use as many sheets as necessary) **Examiner Name** Thanh Y Tran 254-094-CIP4/CIP-MB / AK 153763 Attorney Docket Number Sheet | 2

Examiner	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant
Initials*	NO.	Number-Kind Code <sup>2 (If known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Figures Appear
アバ		US-6,376,769 B1	4/23/2002	Chung	
		US-6,329,708	12/11/2001	Komiyama	
		US-6,316,825	11/13/2001	Park, et al.	
		US-6,310,392	10/30/2001 .	Burns	
		US-6,288,907 B1	9/11/2001	Burns	
		US-6,285,560	9/4/2001	Lyne	
		US-6,187,652 B1	2/13/2001	Chou, et al.	
		US-6,178,093 B1	1/23/2001	Bhatt, et al.	7
		US-6,165,817	12/26/2000	Akram	
		US-6,157,541	12/5/2000	Hacke	
		US-6,121,676	9/19/2000	Solberg	
		US-6,084,294	7/4/2000	Tomita	
		US-6,084,293	7/4/2000	Ohuchi	
		US-6,002,167	12/14/1999	Hatano, et al.	
		US-5,973,395	10/26/1999	Suzuki, et al.	
		US-5,963,427	10/5/1999	Bolleson	
		US-5,922,061	7/13/1999	Robinson	1 /
		US-5,917,709	6/29/1999	Johnson, et al.	
	/	US-5,895,970	4/20/1999	Miyoshi, et al.	/
$\overline{\mathcal{A}}$		US-5,841,721	11/24/1998	Kwon, et al.	7

Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	τ'
		Country Code <sup>3</sup> –Number <sup>4</sup> –Kind Code <sup>5 (if known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
						<u>_</u>
	-				<b></b>	┡
						⊢
						H
			<u></u>			_
Examiner Signature		TI. 1 T.		Date Considered	12/23/05	

<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Nind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

					nplete if(Known
) 5	ubstitute for form	1449/210	•	Application Number	10/828,495
11	NEORMA	ATION	DISCLOSURE	Filing Date	April 20, 2004
				First Named Inventor	Julian Partridge, et al.
8			BY APPLICANT	Art Unit	2822
İ	(Use a:	s many she	ets as necessary)	Examiner Name	Thanh Y Tran
Sheet	3	of	8	Attorney Docket Number	254-094-CIP4/CIP-MB / AK 153763

xaminer Initials	Cite No.	Document Number	Publication Date Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant	
muais	<i>-</i>	Number-Kind Code <sup>2 (If known)</sup>	INIVI-OU-TTTT	replicant of once become in	Figures Appear	
$\Pi I$		US-5,804,870	9/8/1998	Burns		
		US-5,801,439	9/1/1998	Fujisawa, et al.	<u> </u>	
		US-5,789,815	8/4/1998	Tessier, et al.		
		US-5,783,464	7/21/1998	Burns		
		US-5,764,497	6/9/1998	Mizumo, et al.		
		US-5,763,296	6/9/1998	Casati, et al.		
		US-5,729,894	3/24/1998	Rostoker, et al.	/	
$\neg$		US-5,657,537	8/19/1997	Saia, et al.		
		US-5,646,446	7/8/1997	Nicewarner, Jr. et al.		
		US-5,642,055	6/24/1997	Difrancesco		
		US-5,588,205	12/31/1996	Roane		
		US-5,523,695	6/4/1996	Lin		
		US-5,502,333	3/26/1996	Bertin, et al.	/	
		US-5,477,082	12/19/1995	Buckley III, et al.		
1		US-5,438,224	8/1/1995	Papageorge, et al.		
		US-5,394,303	2/28/1995	Yamaji	/	
		US-5,386,341	1/31/1995	Olson, et al.		
		US-5,361,228	11/1/1994	Adachi, et al.		
1/		US-5,357,478	10/18/1994	Kikuda, et al.	/	
V		US-5,252,857	10/12/1993	Kane, et al.	7	

Examiner Initials*	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	7
	No.1	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	
				· · · · · · · · · · · · · · · · · · ·		<del> </del>
	-					┢
	<del></del>					_
				<del></del>		<u> </u>

<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ¹ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Und	a the raperwork is	COUCHOII AC	tor 1999, no persons are required t		TOU OTHERS IT COMESTION A ACTION CHAIR COLLEGE LIGHTING!
	ubstitute for form 1	440/DTO		Fall (Name Con	nplete if Known;
"	ansarora iot toilli I	448/210		Application Number	10/828,495
11	NEORMA	TION	DISCLOSURE	Filing Date	April 20, 2004
				First Named Inventor	Julian Partridge, et al.
	SIAIFME	:NI B	Y APPLICANT	Art Unit	2822
	(Use as	many shee	ts as necessary)	Examiner Name	Thanh Y Tran
Sheet	4	of	8	Attorney Docket Number	254-094-CIP4/CIP-MB / AK 153763

Examiner	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
Initials*	NO.	Number-Kind Code <sup>2 (V known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
77		US-5,252,855	10/12/1993	Ogawa, et al.		
		US-5,229,916	7/20/1993	Frankeny, et al.		
		US-5,214,307	5/25/1993	Davis		
		US-5,198,965	3/30/1993	Curtis, et al.		
		US-5,168,926	12/8/1992	Watson, et al.		
		US-5,159,535	10/27/1992	Desai, et al.		
		US-5,138,434	8/11/1992	Wood, et al.		
7		US-5,068,708	11/26/1991	Newman	7	
		US-5,057,903	10/15/1991	Olla	/	
		US-5,041,902	8/20/1991	McShane		
		US-4,712,129	12/8/1987	Orcutt		
		US-4,587,596	5/6/1986	Bunnell	1 /	
		US-3,983,547	9/28/1976	Almasi	1	
		US-2004/0115866 A1	6/17/2004	Bang, et al.		
		US-2004/0099938 A1	5/27/2004	Kang, et al.		
		US-2004/0065963 A1	4/8/2004	Kamezos		
		US-2004/0021211 A1	2/5/2004	Damberg		
		US-2004/0000708 A1	1/1/2004	Rapport, et al.	1 /	
1/		US-2003/0168725 A1	9/11/2003	Warner, et al.	17	
V		US-2003/0109078 A1	6/12/2003	Takahashi, et al.	1/	

er egerer Ling	FOREIGN PATENT DOCUMENTS								
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	тº			
Initials*	No.¹	Country Code <sup>3</sup> –Number <sup>4</sup> –Kind Code <sup>5 (if known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	'			
				····					
					<u> </u>				
				<del> </del>		L.,			

Examiner Signature	Thanh	ram	Date Considered	12/23	105

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \(^1\) Applicant's unique citation designation number (optional). \(^2\) See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. \(^3\) Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \(^4\) For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \(^5\) Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \(^5\) Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete II Known Substitute for form 1449/PTO Application Number 10/828,495 Filing Date April 20, 2004 INFORMATION DISCLOSURE First Named Inventor Julian Partridge, et al. STATEMENT BY APPLICANT Art Unit (Use as many sheets as necessary) Thanh Y Tran **Examiner Name Attorney Docket Number** 254-094-CIP4/CIP-MB / AK 153763

Examiner No.1		1 Publica		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan	
iniuals		Number-Kind Code <sup>2 (If known)</sup> MM-DD-YYYY		Applicant of Cited Document	Figures Appear	
TYT		US-2003/0081392	5/1/2003	Cady, et al.		
T		US-2003/0045025	3/6/2003	Coyle, et al.		
		US-2003/0016710	1/23/2003	Kamoto		
		US-2002/0076919	6/20/2002	Peters, et al.		
		US-2002/0048849	4/25/2002	Isaak		
7		US-2002/0030995	3/14/2002	Shoji	/	
		US-2001/0040793 A1	11/15/2001	Inaba	/	
		US-2001/0035572	11/1/2001	Isaak	7	
		US-2001/0015487	8/23/2001	Forthun	7	
		US-2001/0006252 A1	7/5/2001	Kim, et al.	/	
		US-6,891,729	5/10/2005	Ko, et al.	7	
		US-6,876,074 B2	4/5/2005	Kim		
		US-6,849,949	2/1/2005	Lyu, et al.	7	
		US-6,833,984 B1	12/21/2004	Belgacem		
		US-6,812,567	11/2/2004	Kim, et al.	7	
		US-6,781,240	8/24/2004	Choi, et al.	7	
		US-6,768,660	7/27/2004	Kong, et al.		
		US-6,660,561 B2	12/9/2003	Forthun		
		US-6,657,134	12/2/2003	Spielberger, et al.		
		US-6,627,984 B2	9/30/2003	Bruce, et al.	· /	

	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	Τ6
	No.1	Country Code <sup>3</sup> –Number <sup>4</sup> –Kind Code <sup>5 (if known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	<u>_</u>
						-
			-			_
						_
xaminer ignature		Thanh Tran		Date Considered	12/23/05	

<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Sheet 5

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known Substitute for form 1449/PTO 10/828,495 **Application Number** April 20, 2004 Filing Date INFORMATION DISCLOSURE First Named Inventor Julian Partridge, et al. STATEMENT BY APPLICANT 2822 **Art Unit** (Use as many sheets as necessary) **Examiner Name** Thanh Y Tran 254-094-CIP4/CIP-MB / AK 153763 **Attorney Docket Number** Sheet 6

Examiner	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant	
Initials*	Number-Kind Code <sup>2 (If known)</sup>		MM-DD-YYYY Applicant of Cited Document		Figures Appear	
ጉኍጉ		US-6,452,826	9/17/2002	Kim, et al.		
		US-6,449,159	9/10/2002	Haba		
		US-6,313,998	11/6/2001	Kledzik		
		US-6,303,981	10/16/2001	Moden		
		US-5,925,934	7/20/1999	Lim		
		US-5,778,522 A	7/14/1998	Burns		
		US-5,744,827	4/28/1998	Jeong, et al.		
		US-5,677,569	10/14/1997	Choi, et al.		
		US-5,243,133	9/7/1993	Engle, et al.		
		US-5,240,588	8/3/1993	Uchida	7	
		US-5,219,794	6/15/1993	Satoh, et al.		
		US-5,158,912	10/27/1992	Kelleman, et al.		
		US-5,122,862	6/16/1992	Kajihara, et al.		
		US-5,081,067	11/4/1992	Shimru, et al.		
		US-5,064,762	11/12/1991	Nishiguchi		
		US-4,839,717	6/13/1989	Phy, et al.		
1		US-4,758,875	7/19/1988	Fujisawa, et al.		
1		US-4,722,691	2/2/1988	Gladd, et al.		
		US-4,079,511	3/21/1978	Grabbe		
		US-3,411,122	11/12/1968	Schiller, et al.	1/	

xaminer (	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	тº
nitials* I	No.¹	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
						_
						_
	l					

<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. complete ii known Substitute for form 1449/PTO 10/828,495 **Application Number** Filing Date April 20, 2004 INFORMATION DISCLOSURE Julian Partridge, et al. First Named Inventor STATEMENT BY APPLICANT 2822

Art Unit

(Use as many sheets as necessary)

Thanh Y Tran **Examiner Name** 254-094-CIP4/CIP-MB / AK 153763 **Attorney Docket Number** Sheet

	Cite No.1	Publication Date		Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant
	110.	Number-Kind Code <sup>2 (if known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Figures Appear
77		US-2005/0040508 A1	2/24/2005	Lee	
		US-2005/0035440 A1	2/17/2005	Mohammed	
7		US-2004/0245617 A1	12/9/2004	Damberg, et al.	
<del>                                     </del>		US-2004/0238931 A1	12/2/2004	Haba, et al.	
		US-2004/0217471 (A1)	11/4/2004	Haba `	1
$\top$		US-2004/0203190 A1	10/14/2004	Pflughaupt, et al.	
		US-2004/0150107 A1	8/5/2004	Cha, et al.	
		US-2004/0104470 A1	6/3/2004	Bang, et al.	
		US-2004/0031972 A1	2/19/2004	Pflughaupt, et al.	
		US-2003/0107118 A1	6/12/2003	Pflughaupt, et al.	/
		US-2001/0013423 A1	2/16/2001	Dalal, et al.	
		US-6,707,684 B1	3/16/2004	Andric, et al.	
		US-6,492,718 B2	12/10/2002	Ohmori	
		US-6,360,433 B1	3/26/2003	Ross	
		US-6,336,262	1/8/2002	Dalal, et al.	
		US-6,234,820 B1	5/22/2001	Perino, et al.	
		US-6,222,737 B1	4/24/2001	Ross	
		US-6,040,624	3/21/2000	Chambers, et al.	
		US-6,034,878	3/7/2000	Osaka, et al.	
V		US-6,002,589	12/14/1999	Perino, et al.	/

Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited	Pages, Columns, Lines, Where Relevant Passages	Т
	Country Code - Number - Kind Code		Document	or Relevant Figures Appear	$\vdash$
			<u></u>		H
					┝
					H
					H
					├-
	Cite No. <sup>1</sup>	ORG.	ONG.	Cite Publication Date Applicant of Cited	Cite Publication Date Applicant of Cited Where Relevant Passages

Examiner Signature	Thanh Tran	Date Considered	12/23/05

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

		440/070		Complete til Known			
"	Substitute for form 1449/PTO			Application Number	10/828,495		
1 1	NEORMA	TION	DISCLOSURE	Filing Date	April 20, 2004		
1				First Named Inventor	Julian Partridge, et al.		
3			Y APPLICANT	Art Unit	2822		
	(Use as	many she	ets as necessary)	Examiner Name	Thanh Y Tran		
Sheet	8	of	8	Attorney Docket Number	254-094-CIP4/CIP-MB / AK 153763		

xaminer	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant	
Initials*	Number-Kind Code <sup>2 (if known)</sup> M		MM-DD-YYYY	Applicant of Cited Document	Figures Appear	
TYT	US-5,995,370		11/30/1999	Nakamori		
,		US-5,959,839	9/28/1999	Gates	/	
		US-5,899,705	5/4/1999	Akram	/	
		US-5,751,553	5/12/1998	Clayton	/	
		US-5,594,275	1/14/1997	Kwon, et al.		
		US-5,448,511	9/5/1995	Paurus, et al.	7	
		US-5,397,916	3/14/1995	Normington		
		US-5,276,418	1/4/1994	Klosowiak, et al.		
		US-5,117,282	5/26/1992	Salatino		
		US-3,766,439	10/16/1973	Isaacson		
		US-2005/0133897 A1	6/23/2005	Baek, et al.		
		US-2005/0018495 A1	1/27/2005	Bhakta, et al.		
		US-2004/0217461 A1	11/4/2004	Damberg		
		US-2004/0157352 A1	8/12/2004	Beroz, et al.		
		US-2004/0075991 A1	4/22/2004	Haba, et al.		
		US-2004/0045159 A1	3/11/2004	DiStefano, et al.		
		US-2003/0049886 A1	3/13/2003	Salmon		
		,			1 /	

Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	7
Initials*	No.1	Country Code <sup>3</sup> –Number <sup>4</sup> –Kind Code <sup>5 (if known)</sup>	MM-DD-YYYY			L'
				-	_	
						_
						_
			<del></del>		<del>                                     </del>	-

<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Date

Considered

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Examiner

Signature

PTO/SB/08A (08-03)

Approved for use through 07/31/2006, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE It contains a valid OMB control number.

Inder the aperwork Re	eduction
13	*
Substitute to Topian	rio

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Con	<b>ipleic II Known</b>
Application Number	10/828,495
Filing Date	April 20, 2004
First Named Inventor	Julian Partridge, et al.
Art Unit	2822
Examiner Name	Thanh Y Tran
Attorney Docket Number	254-094-CIP4/CIP-MB / AK 153763

	NEW T		U.S. PATEI	uldoguments:	an en an transfer de la company
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant
Initials* No.1	Number-Kind Code <sup>2 (if known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Figures Appear	
124		US-			
		US-			-
		U\$-			
<u> </u>		US-			
		US-		· · · · · · · · · · · · · · · · · · ·	
		US-	·		
		US-		· · · · · · · · · · · · · · · · · · ·	
		US-			

Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	_
Initials*	No.1	Country Code <sup>3</sup> –Number <sup>4</sup> –Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			T⁵
TYT		WO 03/037053 A1	5/1/2003	Cady, et al.		
		JP 63-153849 (A)	6/27/1998	Matsubara		
		JP 62-230027 (A)	8/10/1987	Nakamura		
		JP 4-209562 (A)	7/30/1992	Uzuka, et al.		1
		JP 404368167 (A)	12/21/1992	Omura		
1/		JP 2003/347503 (A)	12/5/2003	Toshiyuki, et al.		1

F		5-4-	
Examiner Signature	Thanh Tran	Date Considered	12/23/05

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

よっぱい Complete if Known 示 Substitute for form 1449/PTO **Application Number** 10/828,495 Filing Date April 20, 2004 INFORMATION DISCLOSURE First Named Inventor Julian Partridge, et al. STATEMENT BY APPLICANT **Art Unit** 2822

(Use as many sheets as necessary)

**Examiner Name** Thanh Y Tran Attorney Docket Number 254-094-CIP4/CIP-MB / AK 153763 Sheet | 2

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code <sup>2 (If known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		US-			/
		U\$			
		US			
		US-			
		US-			/
		US-			
		US			
		US-			
		US-			
		US-			. /
		US-			
		US-	l		
		US-			1
		US-			

17 N	tree with	FOREIG	N PATENT DOCU	MENTS.	yt .	*.
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.'	Country Code <sup>3</sup> –Number <sup>4</sup> –Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	79
777		JP 2003/347475 (A)	12/5/2003	Mitsuru		
		JP 2003/309247 (A)	10/31/2003	Mitsuru		
		JP 2000/307029 (A)	11/2/2000	Mitsuru		
		JP 60-254762 (A)	12/16/1985	Fujitsu		
		JP 50-29534 (A)	2/5/1993	Nakamura		
		JP 3641047659 (A)	3/8/1986	Soga, et al.		

Examiner Signature \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Date Considered	12/23/05
--	--------------------	----------

<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. ³ Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁴ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to re

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 3 of 3

espono to a collection of informat	ion unless it contains a valid Olvid control number.
eon 🖟 i	iplete If Knowing
Application Number	10/828,495
Filing Date	April 20, 2004
First Named Inventor	Julian Partridge, et al.
Art Unit	2822
Examiner Name	Thanh Y Tran
Attorney Docket Number	254-094-CIP4/CIP-MB / AK 153763

Examiner	Cite	Document Number	Publication Date	REPORT NAME OF PATENTEE OF	Pages, Columns, Lines, Where Relevant Passages or Relevant
Initials*	No.1	Number-Kind Code <sup>2 (if known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Figures Appear
		US-			

xaminer	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	76
Initials*	No.' Country Code <sup>3</sup> –Number <sup>4</sup> –k	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5 (d known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
TYT		JP 359088863 (A)	5/22/1984	Shiragasawa, et al.		
		EP 0426-303 (A2)	10/1/1990	Legg, et al.		
		DE 004215467 A1	11/12/1992	Chun		
		DE 004214102 A1	12/3/1992	Chun		
V						

	Examiner Signature	Thank	Tran	Date Considered	12/28/05
--	-----------------------	-------	------	--------------------	----------

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. ⁵ Applicant is to place a check mark here if English language

PTO/SB/08B (08-03) Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number. ork Reduction Act Under the Pap Substitute for form

President Con	nplete if Known / class
Application Number	10/828,495
Filing Date	April 20, 2004
First Named Inventor	Julian Partridge, et al.
Art Unit	2822
Examiner Name	Thanh Y Tran
Attack Destruction	054 004 CID4/CID MD / AV 452762

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary) Attorney Docket Number | 254-094-CIP4/CIP-MB / AK 153763 Sheet

	() 本规	NON PANELULARATURE DOCUMENTS AND THE RESERVE OF THE	
Examiner tnitials*	Cite No.1	Include name of author (In CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
171		Flexible Printed Circuit Technology - A Versatile Interconnection Option. (Website 2 pages) Fjelstad, Joseph. December 3, 2002.	
		Chip Scale Packaging and Redistribution, Paul A. Magill, Glenn A. Rinne, J. Daniel Mis, Wayne C. Machon, Joseph W. Baggs, Unitive Electronics Inc.	
Dense-Pac Microsystems, 16 N		Dense-Pac Microsystems, 16 Megabit High Speed CMOS SRAM DPS1MX16MKn3	
Dense-Pac Microsystems, 256 Megabyte CMOS DRAM DP3ED32MS72RW5		Dense-Pac Microsystems, 256 Megabyte CMOS DRAM DP3ED32MS72RW5	
	Dense-Pac Microsystems, Breaking Space Barriers, 3-D Technology 1993		
	Dense-Pac Microsystems, DPS512X16A3, Ceramic 512K X 16 CMOS SRAM Module		
IBM Preliminary 168 Pin SDRAM Registered DIMM Functional Description & Timing Diagrams		IBM Preliminary 168 Pin SDRAM Registered DIMM Functional Description & Timing Diagrams	
	3D Interconnection for Ultra-Dense Multichip Modules, Christian VAL, Thomson-CSF DCS Computer Division Thierry Lemoine, Thomson-CSF RCM Radar Countermeasures Division		
	High Density Memory Packaging Technology High Speed Imaging Applications, Dean Frew, Texas Instruments Incorporated		
		Vertically-Intergrated Package, Alvin Weinberg, Pacesetter, Inc. and W. Kinzy Jones, Florida International University	

Examiner Signature	Thank Tran	Date Considered	12/23/05

<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

This collection of information is required by 37 CFR 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

PTC/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Panerwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMR control num

Substitute for form 1449/PTO				(Complete it Known)			
				Application Number	10/828,495		
. 11	NEORI	MATION	DISCLOSURE	Filing Date	April 20, 2004		
• • • • • • • • • • • • • • • • • • • •				First Named Inventor	Julian Partridge, et al.		
\$			BY APPLICANT	Art Unit	2822		
(Use as many sheets as necessary)			ets as necessary)	Examiner Name	Thanh Y Tran		
Sheet	2	of	2	Attorney Docket Number	254-094-CIP4/CIP-MB / AK 153763		

7(23)		INONIPATENT UTERATURE DOCUMENTS (1887) A 1887 A	Pleas
Examiner Initials*	Cite No.1	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
TYT	1992 Proceedings, 42nd Electronic Components & Technology Conference, May 18-20, 1992		
		Research Disclosure, Organic Card Device Carrier, 31318, May 1990, No. 313	
		IBM Technical Disclosure Bulletin, Vol. 23, No. 12, May 1981	
		IBM Technical Disclosure Bulletin, Vol. 20, No. 11A, Apr. 1978	
		∕IBM Technical Disclosure Bulletin, vol. 32, No. 3B, Aug. 1989	
	/	Orthogonal Chip Mount - A 3D Hybrid Wafer Scale Integration Technology, International Electron Device Meeting, IEDM Technical Digest, Washington, D.C., Dec. 6-9, 1987	

Examiner Signature	Thank	Tran	Date Considered 12	123	105

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

" E . " \*

<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.